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First Named Inventor: Jeffrey Leung
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TRANSMITTAL

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| Title of Invention | BARBED SUTURES | | | | | | | |
|--|--|----------------|----------------------------------|--------------|----------------|--|-------------------|----------|
| <p>Application Number: 10/065280 Date: 2003-07-08 First Named Applicant: Jeffrey C. Confirmation Number: 5694 Attorney Docket Number: 013341 019</p> <p style="text-align: right;">RECEIVED JUL 11 2003 TECHNOLOGY CENTER B1/00</p> | | | | | | | | |
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| <table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Jennifer L. Skord Registered Number: 30,687</td><td>Jennifer L. Skord</td><td>Attorney</td></tr></tbody></table> | | | Submitted by: | Elec. Sign. | Sign. Capacity | Jennifer L. Skord Registered Number: 30,687 | Jennifer L. Skord | Attorney |
| Submitted by: | Elec. Sign. | Sign. Capacity | | | | | | |
| Jennifer L. Skord Registered Number: 30,687 | Jennifer L. Skord | Attorney | | | | | | |
| <table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>IDS-usidst.xml us-ids.dtd us-ids.xsl</td></tr></table> | | | Documents being submitted | Files | us-ids | IDS-usidst.xml us-ids.dtd us-ids.xsl | | |
| Documents being submitted | Files | | | | | | | |
| us-ids | IDS-usidst.xml us-ids.dtd us-ids.xsl | | | | | | | |
| <p>Comments</p> <p>Attached to this are: IDS Transmittal and IDS Citing 16 references.</p> | | | | | | | | |



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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| Title of Invention | BARBED SUTURES | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------|------------|------------|-----------------|------|----------|----------|-------|----------|--|---|---------|------------|------|--|--|--|--|---|---------|------------|----------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|---|---------|------------|--------------|--|--|--|--|---|---------|------------|-----------------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|---|---------|------------|--------|--|--|--|--|---|---------|------------|-------|--|--|--|--|---|---------|------------|---------------|--|--|--|--|----|---------|------------|--------|--|--|--|--|----|---------|------------|----------|--|--|--|--|----|---------|------------|-----------|--|--|--|--|----|---------|------------|---------|--|--|--|--|----|---------|------------|--------|--|--|--|--|----|---------|------------|------|--|--|--|--|----|---------|------------|----------------|--|--|--|
| <p>Application Number: 10/065280</p> <p>Confirmation Number: 5694</p> <p>First Named Applicant: Jeffrey Leung</p> <p>Attorney Docket Number: 013341 019</p> <p>Art Unit: 3724</p> <p>Search string: (4950285 or 5084063 or 5102421 or 5141520 or 5224946 or 5341922 or 5372146 or 5411523 or 5500000 or 5520691 or 5601557 or 4316469 or 4069825 or 5683417 or 5984933 or 6083244).pn.</p> <p>RECEIVED JUL 11 2003 TECHNOLOGY CENTER R3700</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4950285</td><td>1990-08-21</td><td>Wilk</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5084063</td><td>1992-01-28</td><td>Korthoff</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5102421</td><td>1992-04-07</td><td>Anspach, Jr.</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5141520</td><td>1992-08-25</td><td>Goble et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5224946</td><td>1993-07-06</td><td>Hayhurst et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>6</td><td>5341922</td><td>1994-08-30</td><td>Cerwin et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>7</td><td>5372146</td><td>1994-12-13</td><td>Branch</td><td></td><td></td><td></td></tr><tr><td></td><td>8</td><td>5411523</td><td>1995-05-02</td><td>Goble</td><td></td><td></td><td></td></tr><tr><td></td><td>9</td><td>5500000</td><td>1996-03-19</td><td>Feagin et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>10</td><td>5520691</td><td>1996-05-28</td><td>Branch</td><td></td><td></td><td></td></tr><tr><td></td><td>11</td><td>5601557</td><td>1996-12-17</td><td>Hayhurst</td><td></td><td></td><td></td></tr><tr><td></td><td>12</td><td>4316469</td><td>1982-04-23</td><td>Kapitanov</td><td></td><td></td><td></td></tr><tr><td></td><td>13</td><td>4069825</td><td>1978-01-24</td><td>Akiyama</td><td></td><td></td><td></td></tr><tr><td></td><td>14</td><td>5683417</td><td>1997-11-04</td><td>Cooper</td><td></td><td></td><td></td></tr><tr><td></td><td>15</td><td>5984933</td><td>1999-11-16</td><td>Yoon</td><td></td><td></td><td></td></tr><tr><td></td><td>16</td><td>6083244</td><td>2000-07-04</td><td>Lubbers et al.</td><td></td><td></td><td></td></tr></tbody></table> | | init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | 1 | 4950285 | 1990-08-21 | Wilk | | | | | 2 | 5084063 | 1992-01-28 | Korthoff | | | | | 3 | 5102421 | 1992-04-07 | Anspach, Jr. | | | | | 4 | 5141520 | 1992-08-25 | Goble et al. | | | | | 5 | 5224946 | 1993-07-06 | Hayhurst et al. | | | | | 6 | 5341922 | 1994-08-30 | Cerwin et al. | | | | | 7 | 5372146 | 1994-12-13 | Branch | | | | | 8 | 5411523 | 1995-05-02 | Goble | | | | | 9 | 5500000 | 1996-03-19 | Feagin et al. | | | | | 10 | 5520691 | 1996-05-28 | Branch | | | | | 11 | 5601557 | 1996-12-17 | Hayhurst | | | | | 12 | 4316469 | 1982-04-23 | Kapitanov | | | | | 13 | 4069825 | 1978-01-24 | Akiyama | | | | | 14 | 5683417 | 1997-11-04 | Cooper | | | | | 15 | 5984933 | 1999-11-16 | Yoon | | | | | 16 | 6083244 | 2000-07-04 | Lubbers et al. | | | |
| init | Cite.No. | Patent No. | Date | Patentee | Kind | Class | Subclass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 1 | 4950285 | 1990-08-21 | Wilk | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 2 | 5084063 | 1992-01-28 | Korthoff | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3 | 5102421 | 1992-04-07 | Anspach, Jr. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 4 | 5141520 | 1992-08-25 | Goble et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 5 | 5224946 | 1993-07-06 | Hayhurst et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 6 | 5341922 | 1994-08-30 | Cerwin et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 7 | 5372146 | 1994-12-13 | Branch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 8 | 5411523 | 1995-05-02 | Goble | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9 | 5500000 | 1996-03-19 | Feagin et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10 | 5520691 | 1996-05-28 | Branch | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 11 | 5601557 | 1996-12-17 | Hayhurst | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 12 | 4316469 | 1982-04-23 | Kapitanov | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 13 | 4069825 | 1978-01-24 | Akiyama | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 14 | 5683417 | 1997-11-04 | Cooper | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 15 | 5984933 | 1999-11-16 | Yoon | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 16 | 6083244 | 2000-07-04 | Lubbers et al. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Signature

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